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Applicant: Dasa Lipovsek et al. Art Unit: 1653
Serial No.: 09/456,693 Examiner: Schnizer, H.
Filed: December 9, 1999 Customer No.: 31020
Title: PROTEIN SCAFFOLDS FOR ANTIBODY MIMICS AND OTHER
BINDING PROTEINS

Assistant Commissioner for Patents
Washington, D.C. 20231

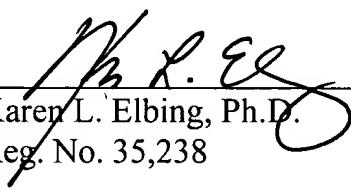
SUBMISSION OF SECOND SET OF FORMAL DRAWINGS

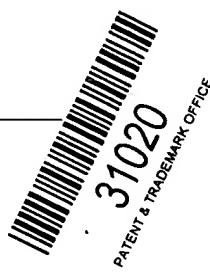
As requested, Applicants submit herewith a second set of formal drawings
identical to those submitted on January 17, 2002.

If there are any charges, or any credits, please apply them to Deposit Account No.
03-2095.

Respectfully submitted,

Date: 16 Janay 2003


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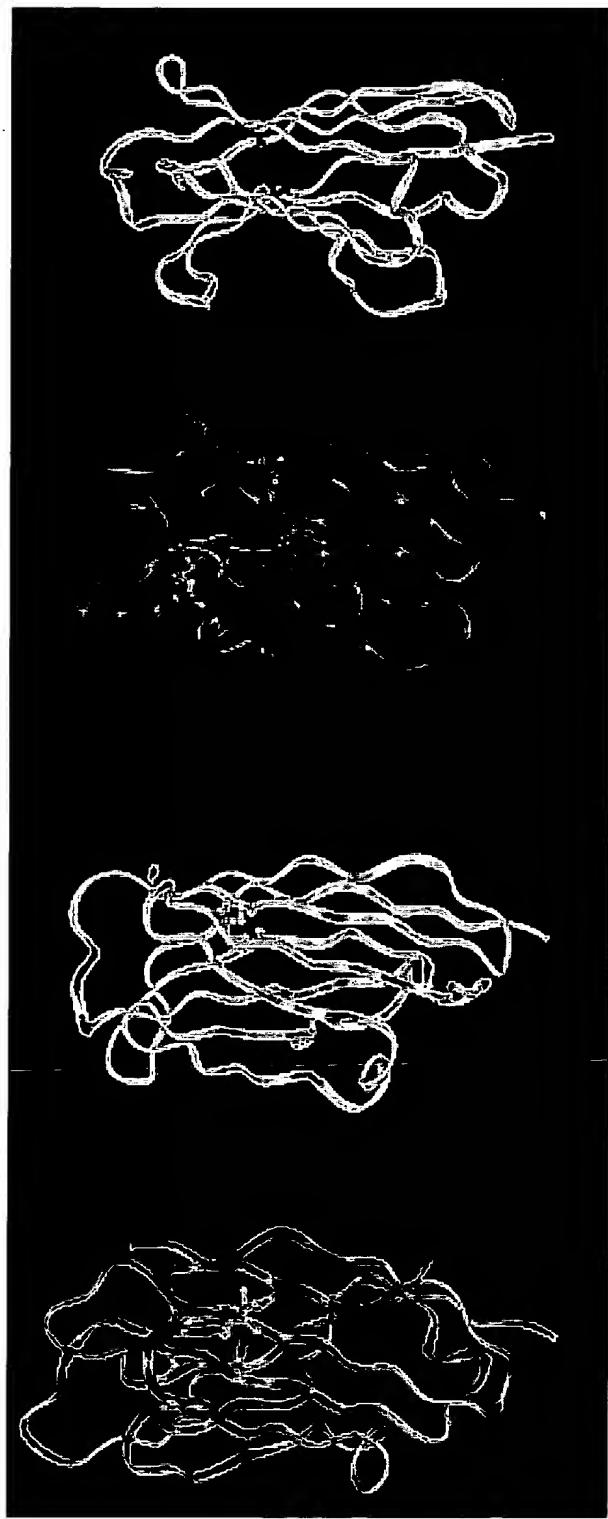


Fig. 1

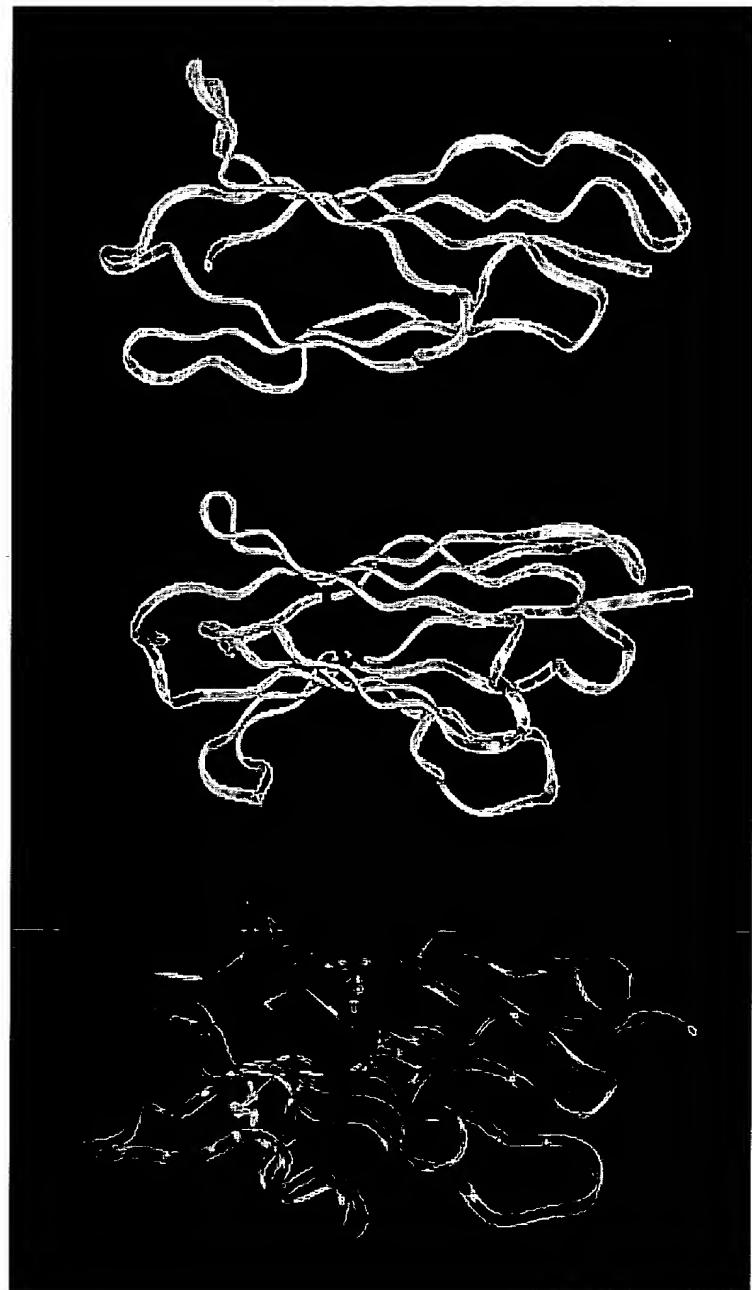


Fig. 2

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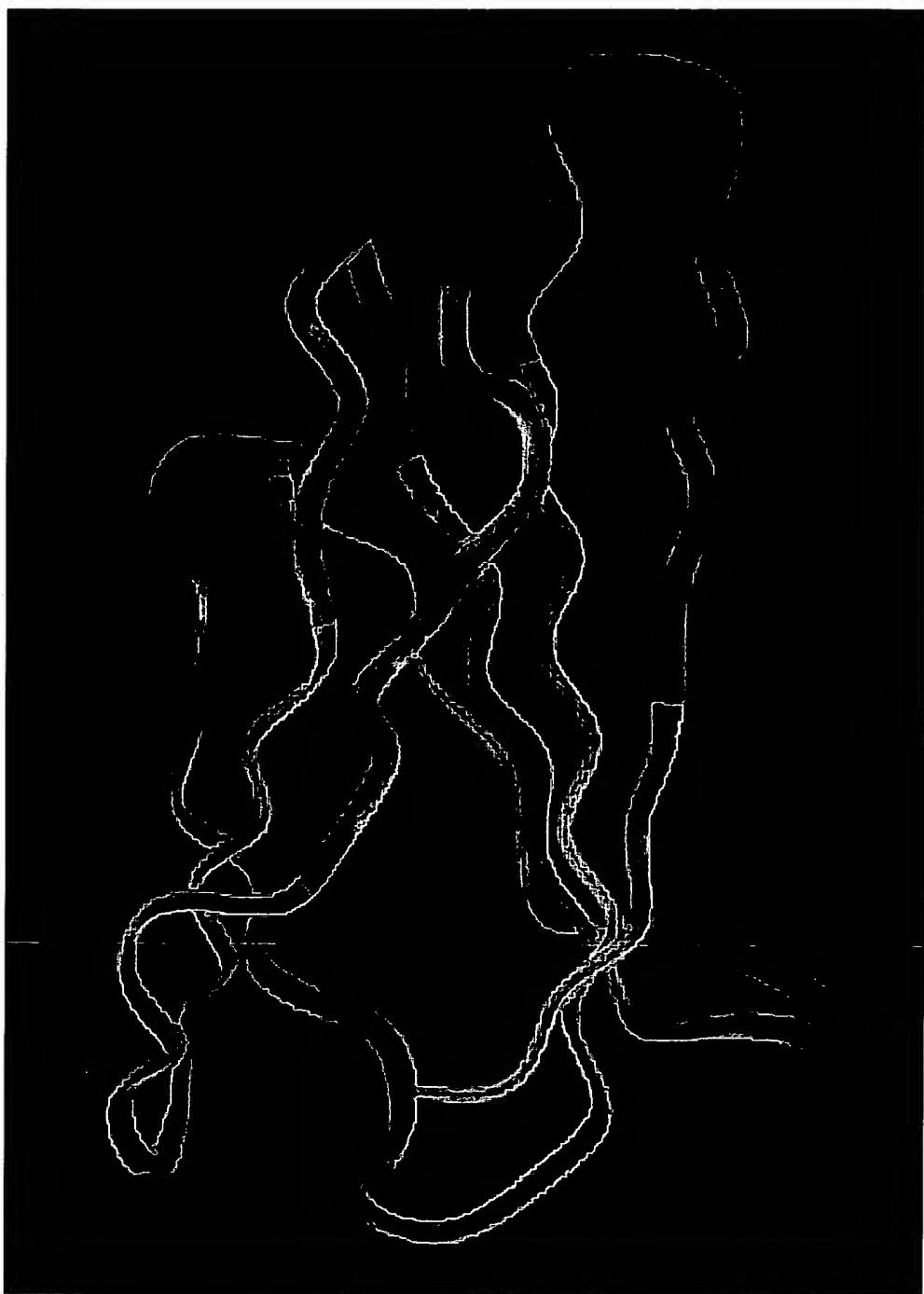


Fig. 3

	1	9	10	19	20	29	30	37	38	47	48	57	58	67	68	77	78	87	88	94
Hs	FND	VSDVPRD-LE	WIAATPTSLI	I	SWDAPAVTV	R	YRITYG--	ETGGNSPVE	FTVPGSKSTA	TISGLKPGVD	YTITVYAVTG	RGDSPASSKP	I	SINYRT						
Bt	FN	VSDVPRD-LE	WIAATPTSLI	I	SWDAPAVTV	R	YRITYG--	ETGGSSPVE	FTVPGSKSTA	TISGLKPGVD	YTITVYAVTG	RGDSPASSKP	V	SINYRT						
Rn	FN	VSDVPRD-LE	WIASTPTSLI	I	SWEPAPSV	R	YRITYG--	ETGGNSPVE	FTVPGSKSTA	TINNIKPGAD	YTITLYAVTG	RGDSPASSKP	V	SINYQT						
Mm	FN	VSDIPRD-LE	WIASTPTSLI	I	SWEPAPSV	R	YRITYG--	ETGGNSPVE	FTVPGSKSTA	TINNIKPGAD	YTITLYAVTG	RGDSPASSKP	V	SINYKT						
OC	FN	VSDVPRD-LE	WIASTPTSLI	I	SWEXPAPTV	R	YRITYG--	ETPPN												
Gg	FN	VSDVPRD-LE	WnptstpsI	I	SWDAPAVTV	R	YRITYG--	ETGGSSPVE	FTVPGTMSTA	TITGLKPGVD	YTITVYAVTG	RGDSPASSKP	V	TVTYKT						
X1	FN	VSDVPTD-LE	Wtissstnlt	I	SWEPAVSV	R	YRITYG--	OTGGAGPEKE	FTVPGTSSTA	TIRGLNPGVS	YTITVYAVTG	RGDSPASSKP	L	T	I	HKT				
Cf	FN	AIDAPSn-Lr	FlattptslI	I	VSWQPRARI	TGIIKYE--	KPGSPPREVV	prprPGTTeA	TITGLEPGTE	YTIQVIAALKn	NQKSepLIGR	KKTDEL-								1611
Ec	FN	AIDAPSn-Lh	FlattptslI	I	VSWQPRARI	TGIIKYE--	KPGSPPREVV	prphPGTTeA	TITGLEPGTE	YTIQVIAALKn	NQKSepLIGR	rKTdEP-								197
Hs	TC	VS-PPKD-Lv	VTeTeetTN	I	LAWdn-eMrV	TeyLVVYTP-	-THEGG1EMQ	FryPGDQST	LIQLePGVE	YFIRVFAILE	NKKSiPVSAr	V								197
Ss	TP	VS-PPKD-Li	VTeTeetTN	I	LAWdn-eMrV	TeyLVVYTP-	-THEGG1EMQ	FryPGDQST	TIRELePGVE	YFIRVFAILE	NKKSiPVSAr	V								686
Mm	TX	MidGPQD-Lr	WVAVTPTILD	I	SWL1rPQAeV	DrfVSV--	--SAGNqRVr	LeypPeadIT	QlIdlMPGVe	YVVTvTAERG	HAVSYASIR	ANTG								686
Hs	CAP	TlpvPvvSLn	IydyGPTTMH	I	VQWQP-VGGA	TGYILSYkPV	KDTEptTrKE	VrLGPTNDM	QlIdlVPNTe	YATVQAVLh	dLTSeptVTr	e								889
OC	C12	TlpvPvvSLn	IydyGPTTMH	I	VQWQP-VGGA	TGYILSYkPV	KDTEptTrKE	VdVklRdW											1551	
Gg	C14	LalpmasSDL1	IydyShSSMR	I	AKwng-VAGA	TGMyMlyapl	TEGLAadeKE	EKGESTel	ELGGLPNTe	YTIVVYAMF-									322	
Hs	U1	LalpmasSDL1	IydytensMR	I	VKWDa-vPGA	SGYLlyapl	TEGLAGDEKE	MKIGETHIdI	ELGGLPNTe	YTIVVYAMF	eeASDpVTGq	e							508	
																			321	

var.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
cons.	P	L	V	SL	W	V	Y	I	Y	I	V			I	L	P	S	P	
	M	I		TV	M	A	F	V		I	L			I	I	AS	R		

CAP	Collagen alpha precursor	BOLD	identical to Hs FND
C12	Collagen type I ₂		
FND	Fibronectin type III domain		
FN	Fibronectin		
TP	Tenascin precursor		
TC	Tenascin-C		
U1	Undulin 1		
Bt	Bovis taurus	cow	
Cf	Canis familiaris	dog	
Ec	Equus caballus	horse	
Ss	Sus scrofa	pig	
Hs	Homo sapiens	human	
OC	Oryctolagus cuniculus	rabbit	
X1	Xenopus laevis	African clawed frog	

Fig. 4

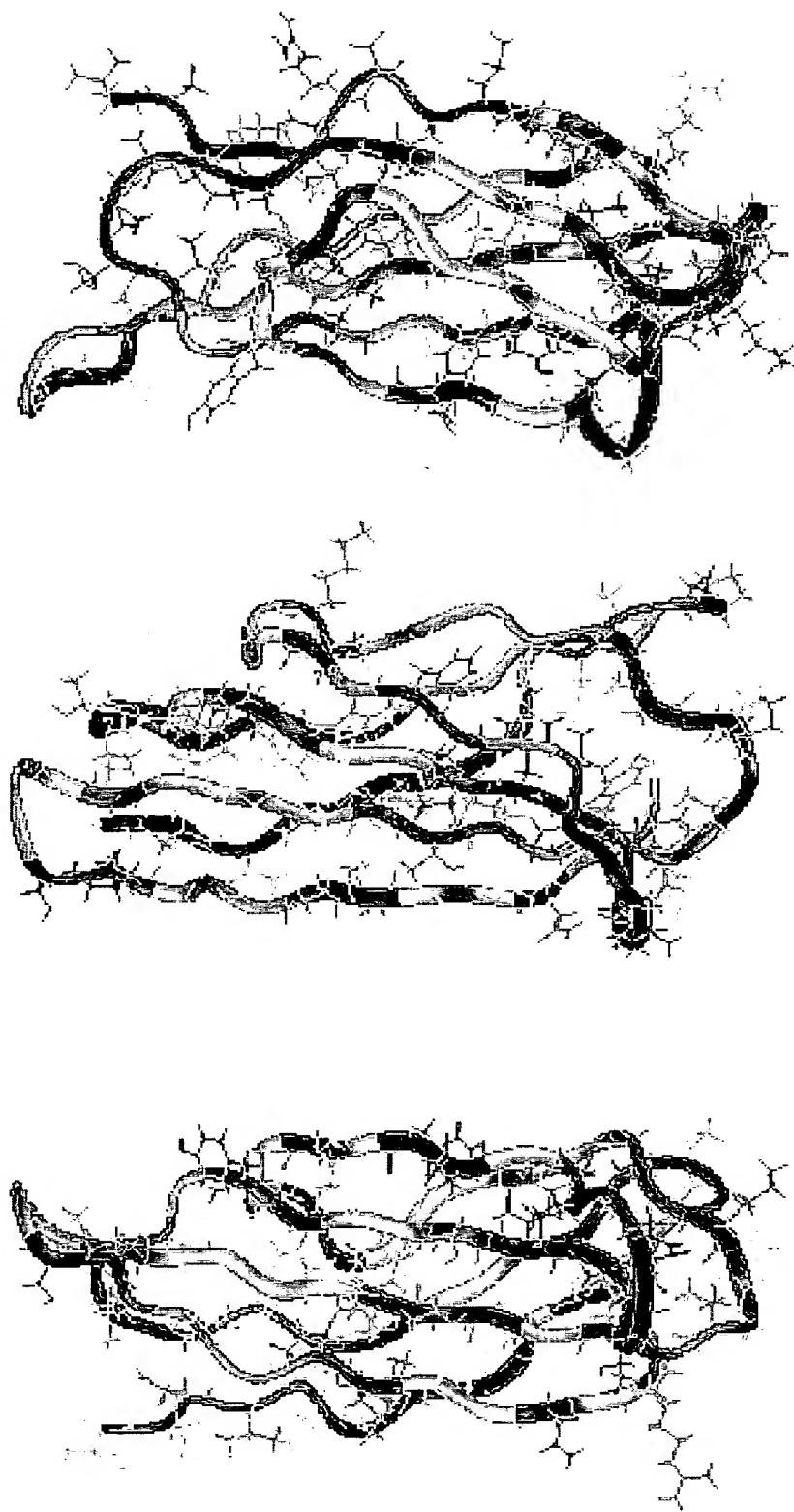
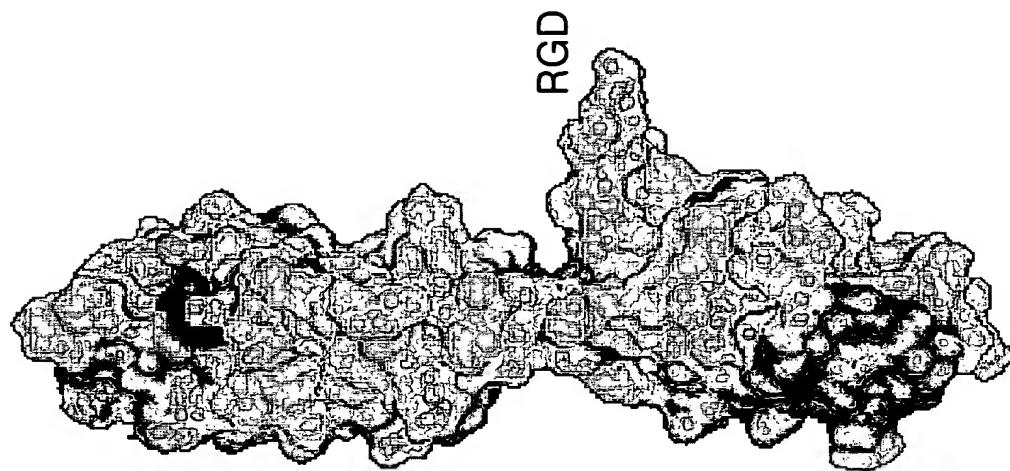
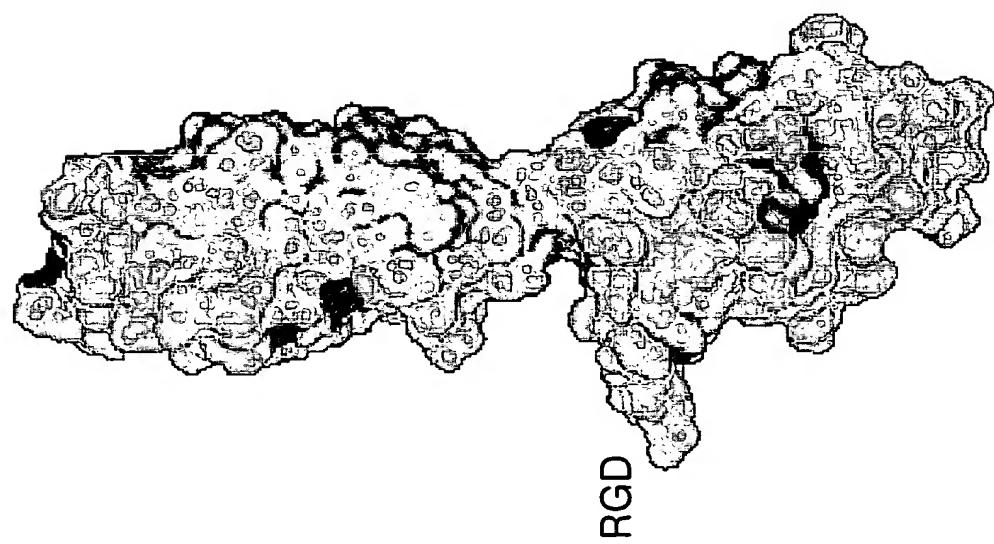


Fig. 5



RGD

10Fn3



RGD

Fig. 6

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7Fn3

8Fn3

9Fn3

10Fn3

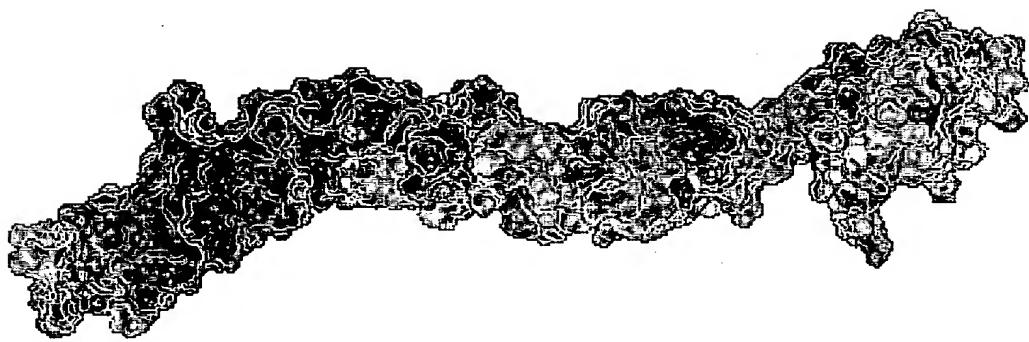
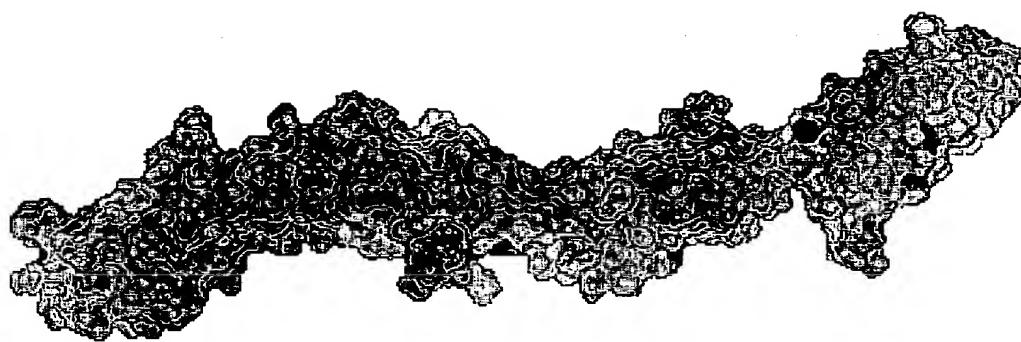
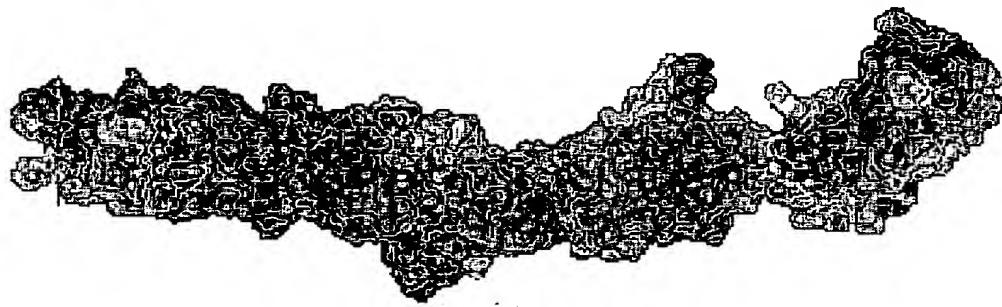


Fig. 7

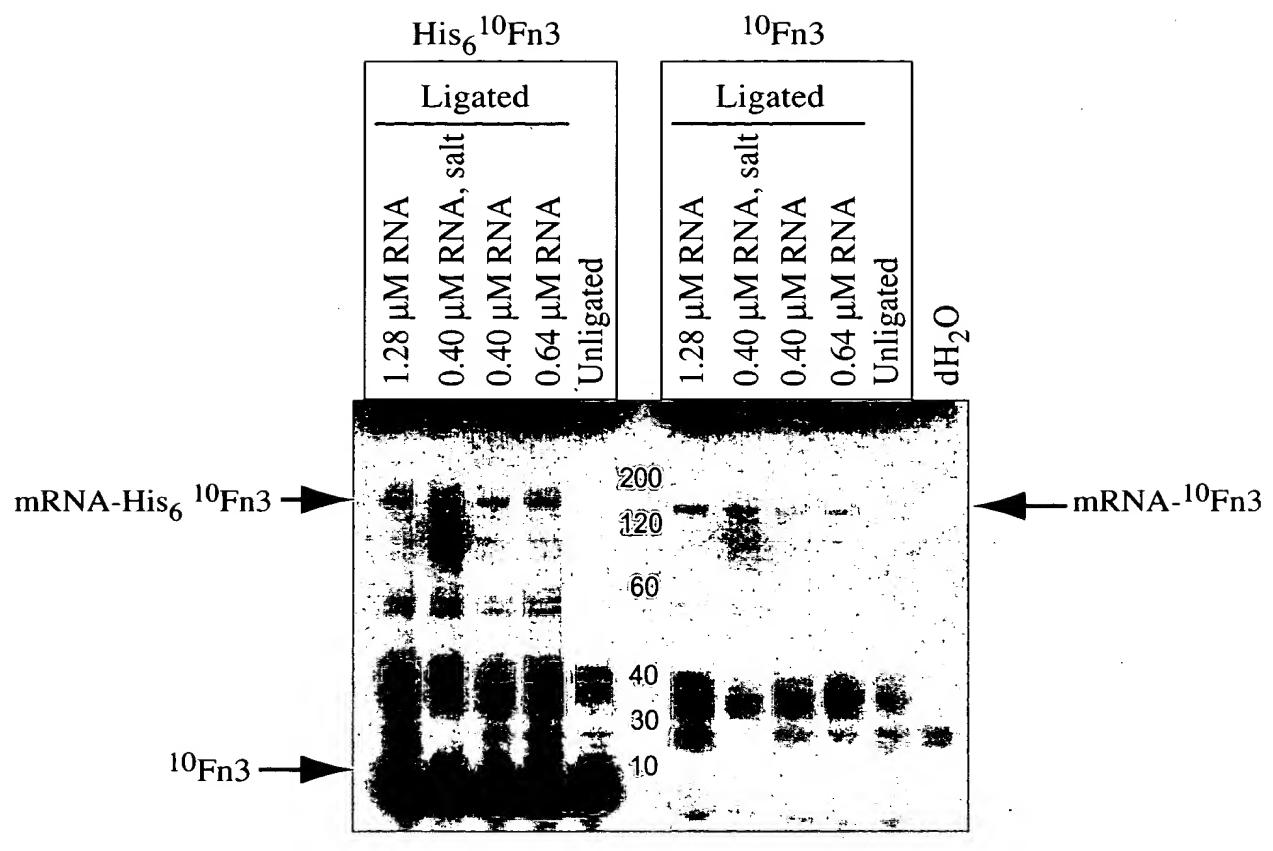


Fig. 8

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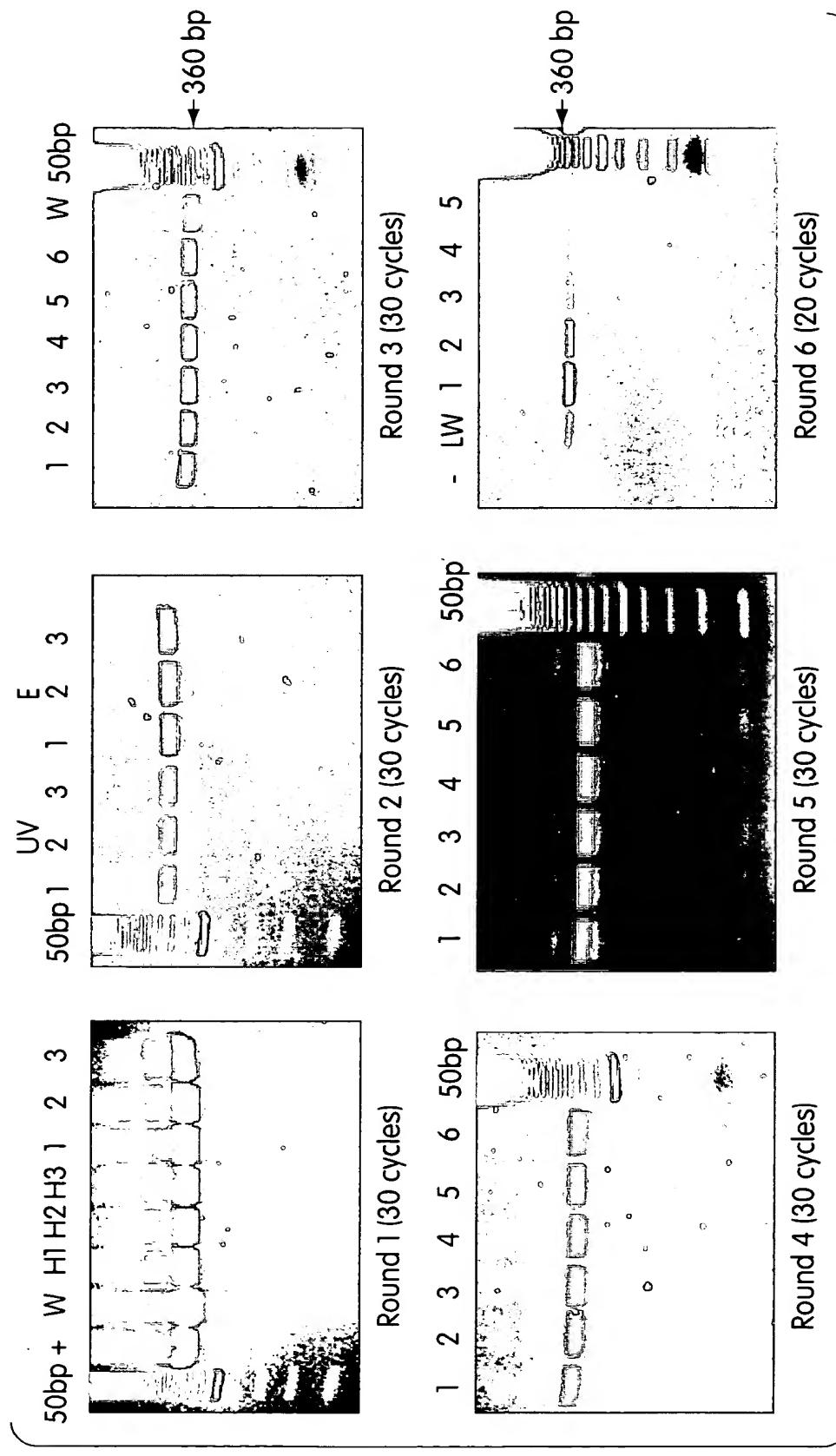


Fig. 9

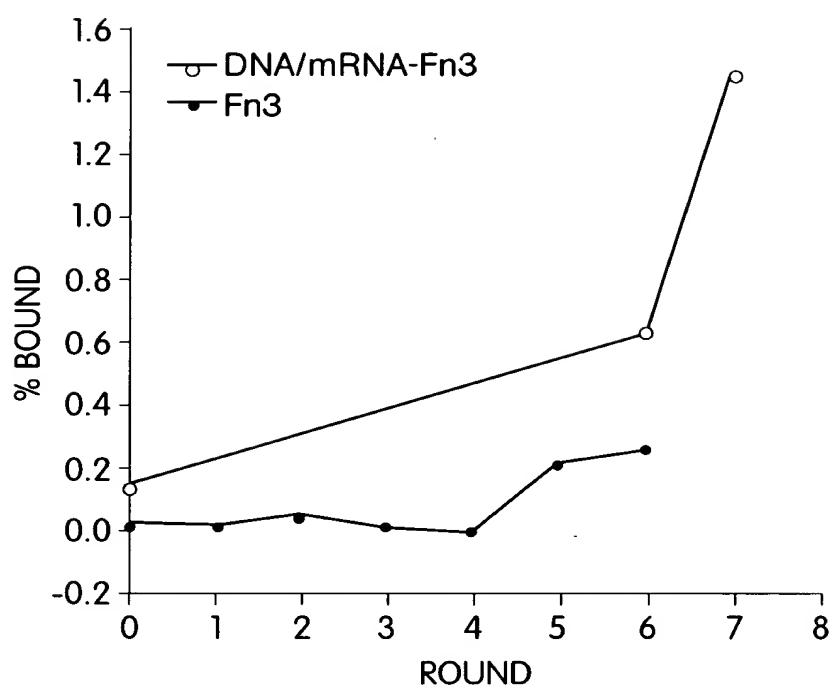
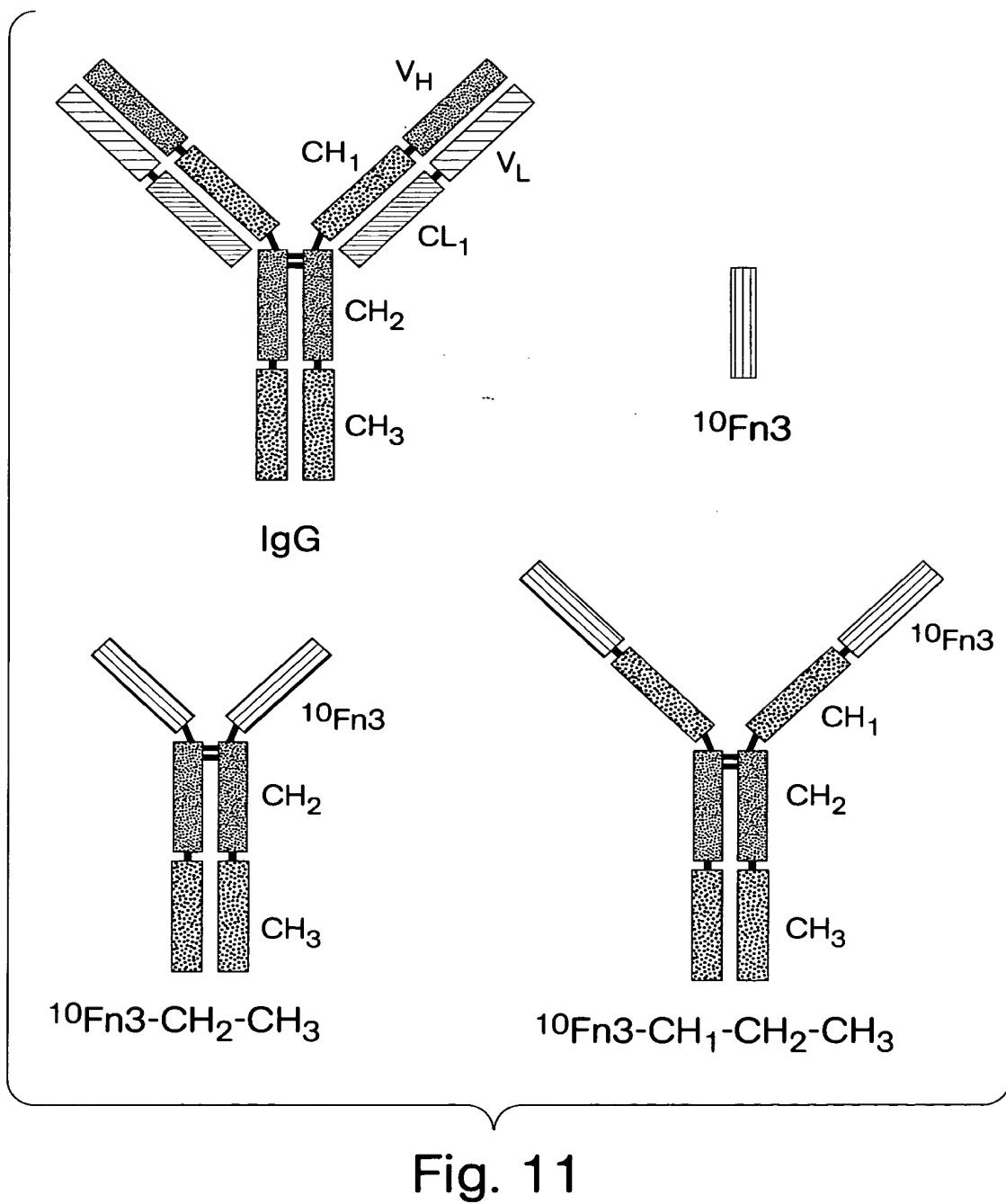


Fig. 10



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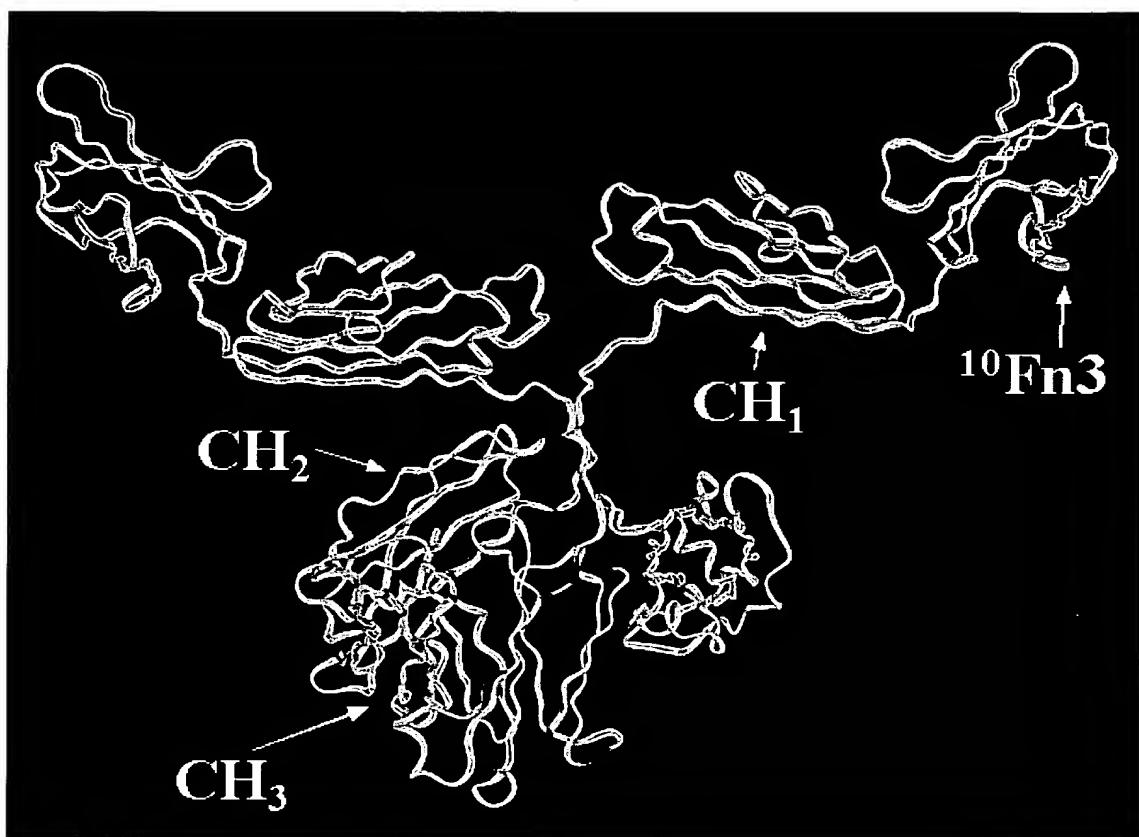


Fig. 12